

Date: Tuesday, 5/1/2007 3:17:36 PM  
 User: Kim Johnston

## Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : GROMET
Job Number : 32128	
Estimate Number : 12820	
P.O. Number : <u>NIA</u>	Part Number : D36192
This Issue : 5/1/2007 S.O. No. : <u>NIA</u>	Drawing Number : D3619 REV A
Prsht Rev. : NC	Project Number : N/A
First Issue : <u>NIA</u> Type : PURCHASED PARTS	Drawing Revision : A
Previous Run : <u>NIA</u>	Material : <u>NIA</u>
Written By : <u>[Signature]</u>	Due Date : 5/8/2007
Checked & Approved By : <u>[Signature] 07.05.01</u>	Qty: <u>20</u> Um: Each
Comment : Est Rev: A New Issue 07-04-09 JLM	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	9610K18	GROMMET
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 200.0000 Each(s)  
 GROMMET

2.0	PG	PURCHASING
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Comment: Issue P/O: 3678  
 Purchase Part Number: 9610K18  
 Supplier: MC MASTER CARR  
 Certificate of conformity is required

C 207/05/02

200 20

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1  
 Receive & Inspect For Transit Damage  
 Ensure material certification is attached

C 207/05/08 (20)

4.0	QC6	DIMENSIONAL CHECK
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Comment: DIMENSIONAL CHECK

C 207/05/10 (20)

5.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1  
 Identify and Stock  
 Location: 5110

C 207/05/11 (20)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: ☒ Date: 01/05/14  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 5/1/2007 3:17:36 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: GROMET

Job Number: 32128

Part Number: D36192

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



OK

Comment: FINAL INSPECTION/W/O RELEASE

OK 5/1/07

Job Completion



OK 5/1/07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

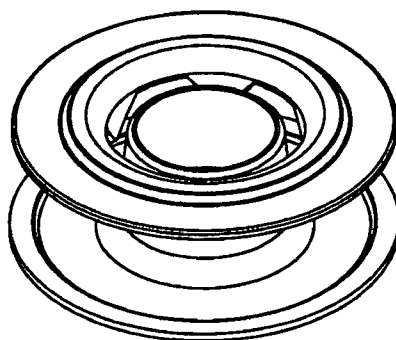
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3619</b>	REV. A SHEET 1 OF 1
DATE <b>07.03.26</b>		TITLE <b>GROMMET</b>	SCALE NTS
REV A	DATE 07.03.26	DESCRIPTION NEW ISSUE	

## SPECIFICATION CONTROL DRAWING



**RELEASED**  
07 04 02 *[Signature]*

**D3619-X GROMMET,**  
**WHERE X REPRESENTS THE GROMMET TRADE SIZE**

DART P/N	TRADE SIZE	DESCRIPTION	HOLE SIZE	MAX. MTL THICKNESS	MCMaster CARR P/N
D3619-0	0	BRASS GROMMET W/ TEETH	1/4	0.110	9610K16
D3619-1	1	BRASS GROMMET W/ TEETH	9/32	0.120	9610K17
D3619-2	2	BRASS GROMMET W/ TEETH	3/8	0.150	9610K18
D3619-3	3	BRASS GROMMET W/ TEETH	7/16	0.230	9610K19
D3619-4	4	BRASS GROMMET W/ TEETH	1/2	0.300	9610K21

**NOTES:**

1) PURCHASE INFO: MCMaster-CARR P/N'S INCLUDE THE FOLLOWING:

48 GROMMETS FOR SIZE 0 & 1,  
24 GROMMETS FOR SIZE 2, 3 & 4,  
D3619-XT1 HOLE PUNCH,  
D3619-XT2 STRIKER BLOCK,  
D3619-XT3 PUNCH AND  
D3619-XT4 DIE

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. *32128*

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1270 ABERDEEN ST  
HAWKESBURY  
MAIN FINISHED GOODS LOCATION

ON

K6A 1

**YOUR PURCHASE  
ORDER NUMBER**

P000003678

Today's Date: 5/07/07

MCMASTER-CARR  
200 AURORA INDUSTRIAL PKWY  
AURORA OH 44202

IF THERE ARE ANY QUESTIONS ABOUT THIS  
SHIPMENT CONTACT OUR SALES DEPARTMENT  
(330)995-5500

**PAGE**

1

**MCM NUMBER**

4000264-02

Warehouse Location	McMaster Carr Part Number	Fill Quantity	Item Description	Your Line	Your Order	This Shipment
2- 41-02	03-22 9610 K17 S/O REC	15 EA	MILITARY SPECIFICATION BRASS GROMMET KIT WITH TEETH, TRADE SIZE 1,48 GROMMETS, 9/32" HOLE SZ 8  This shipment completes the backorder for this item	1	20 EA	15
2- 41-01	05-79 9610 K18 S/O REC	20 EA	MILITARY SPECIFICATION BRASS GROMMET KIT WITH TEETH, TRADE SIZE 2,24 GROMMETS, 3/8" HOLE SZ 22	2	20 EA	20

*CP 5/15/08*

**McMASTER-CARR PACKING LIST**